

FIG. 1

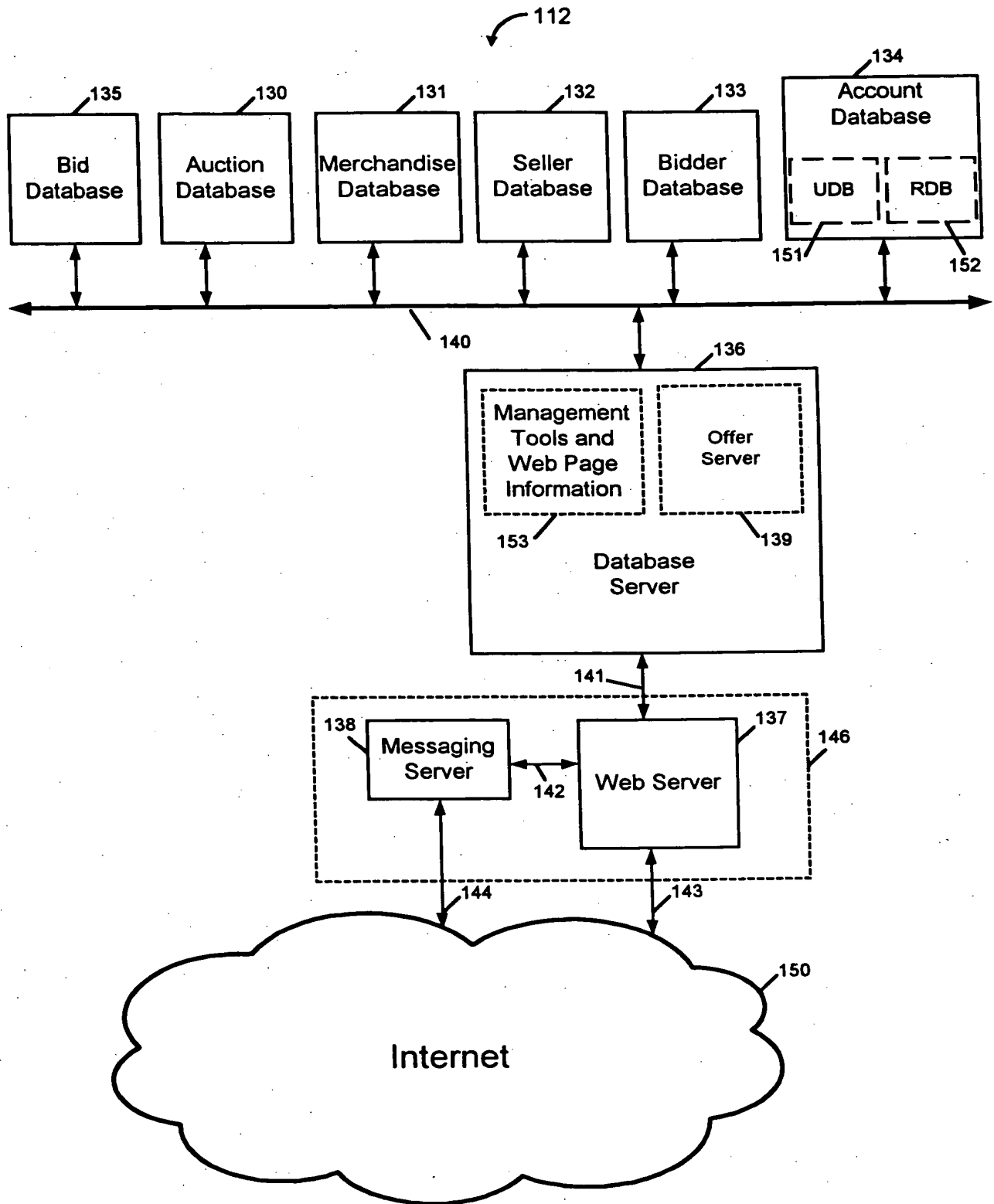
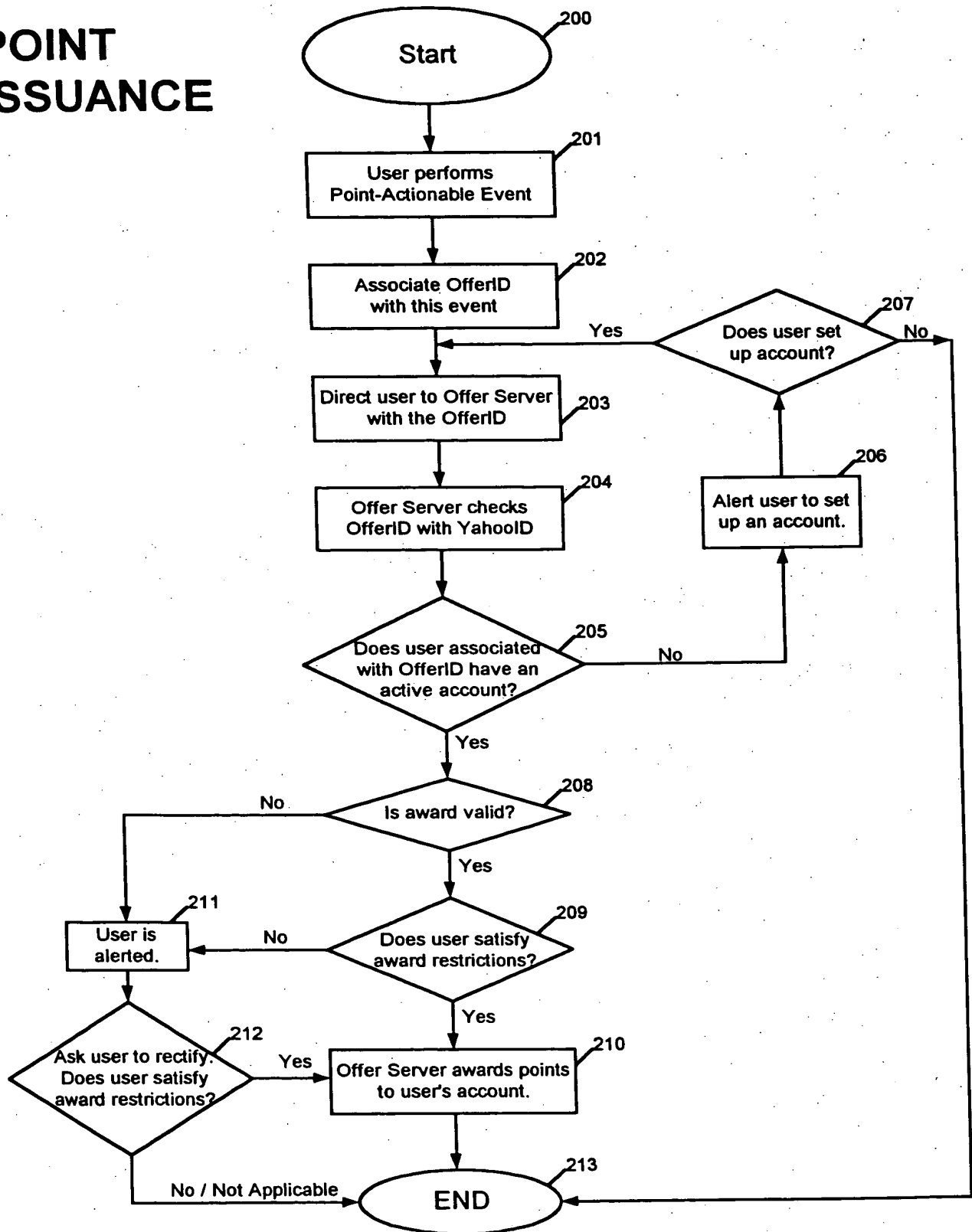


FIG. 2

POINT ISSUANCE



STANDARD AUCTION - SINGLE ITEM

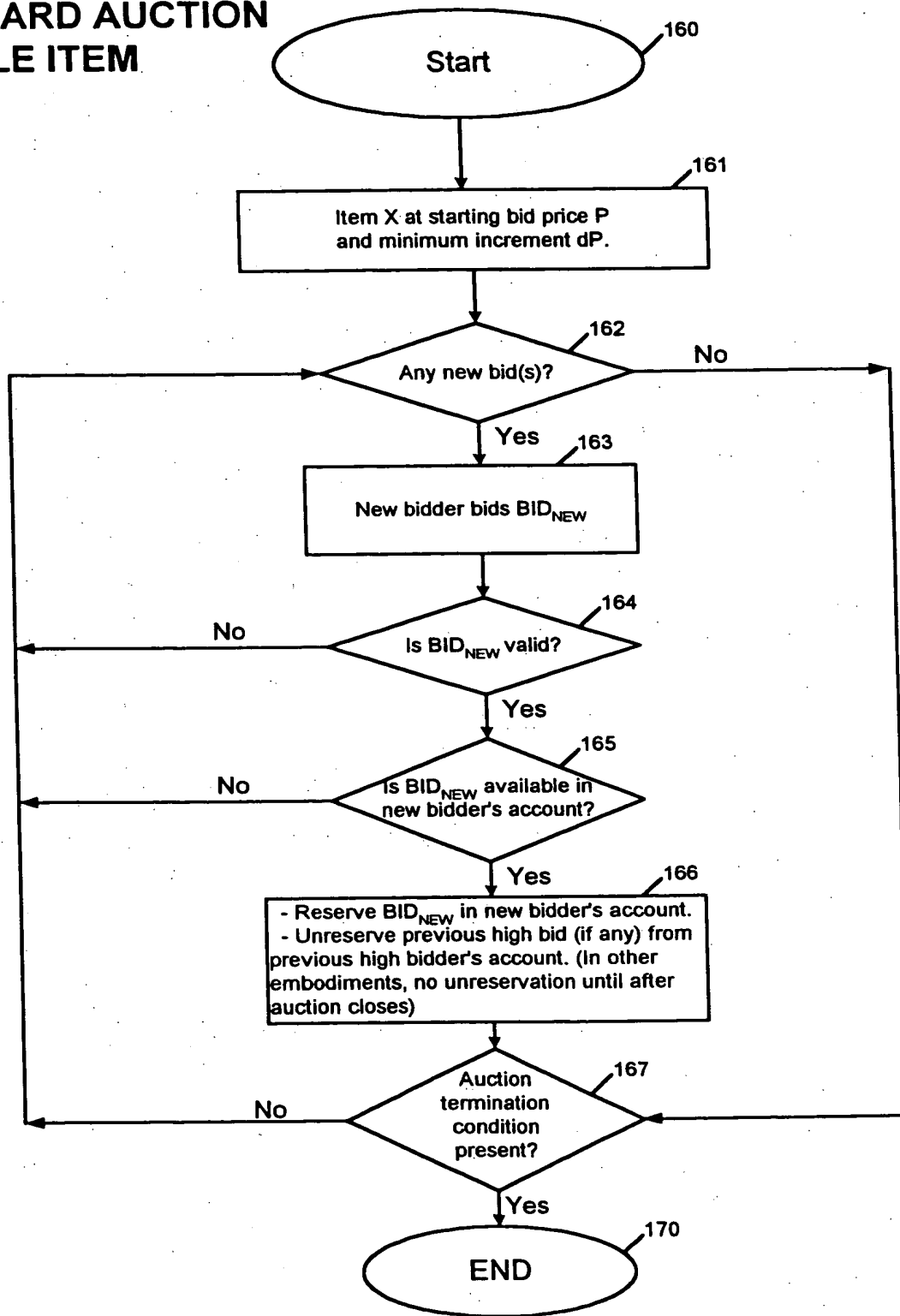


FIG. 4

STANDARD AUCTION - MULTIPLE ITEMS

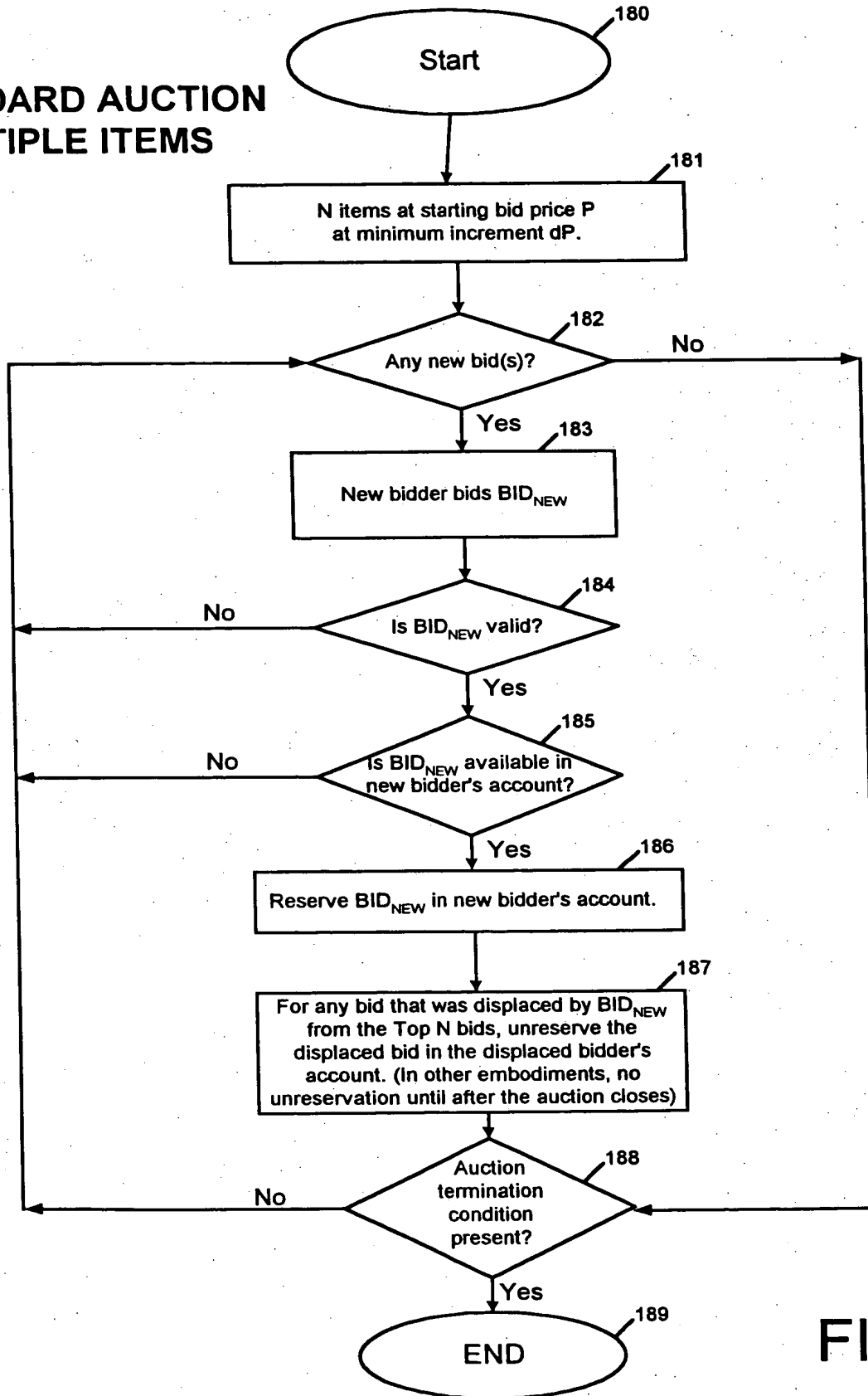


FIG. 5

DUTCH AUCTION FIRST EMBODIMENT

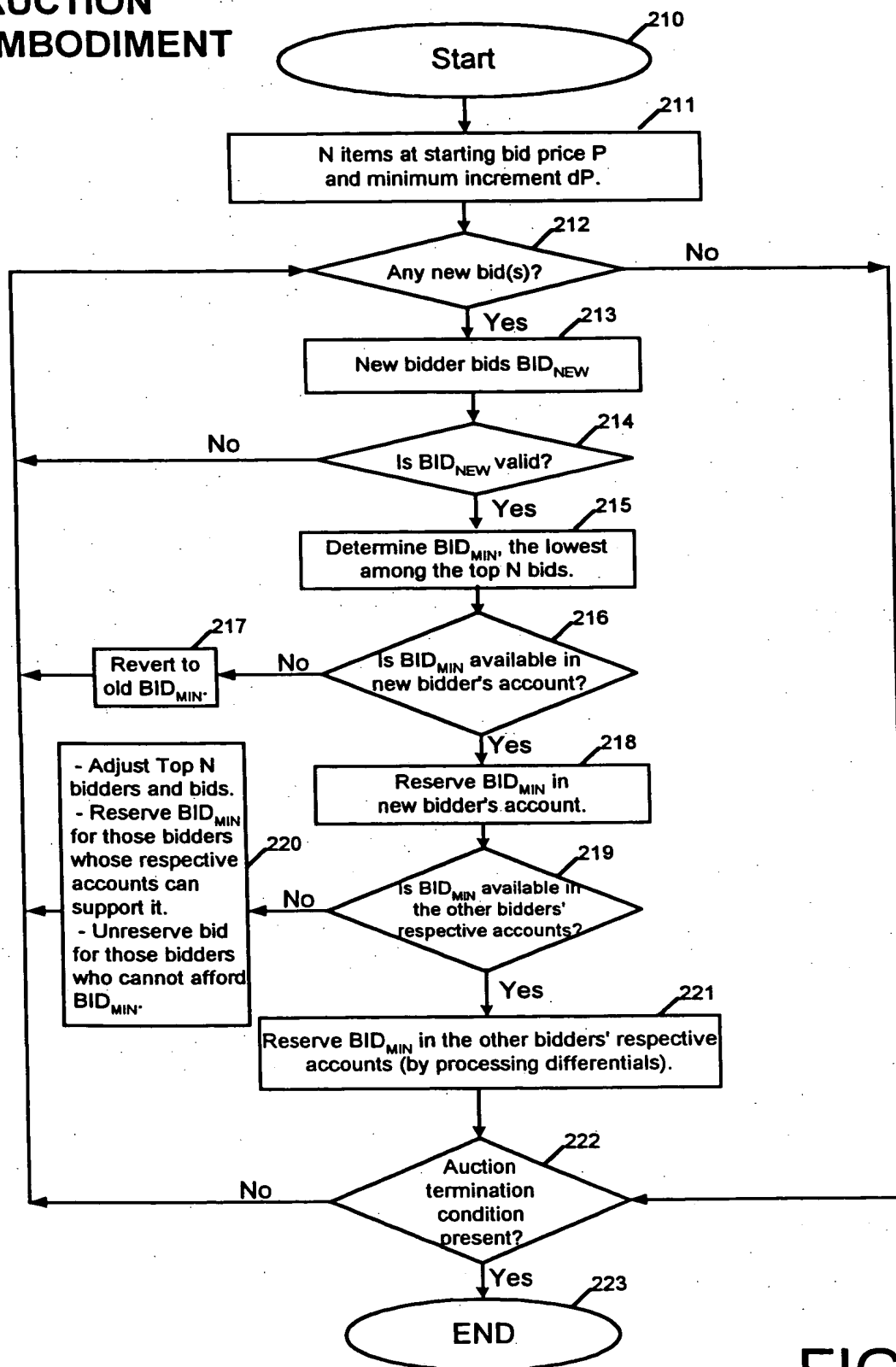


FIG. 6

DUTCH AUCTION - SECOND EMBODIMENT

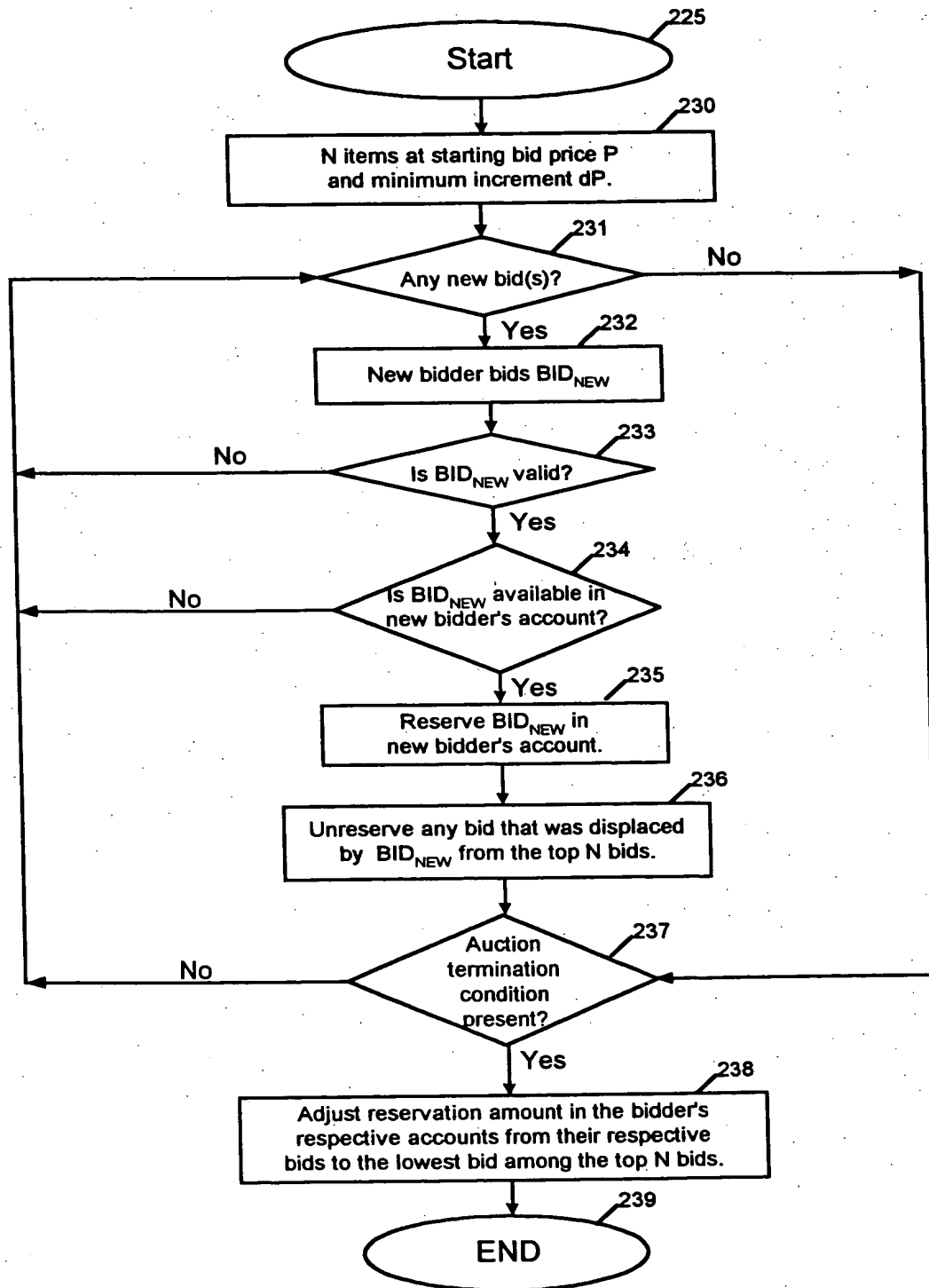


FIG. 7

PROGRESSIVE AUCTION

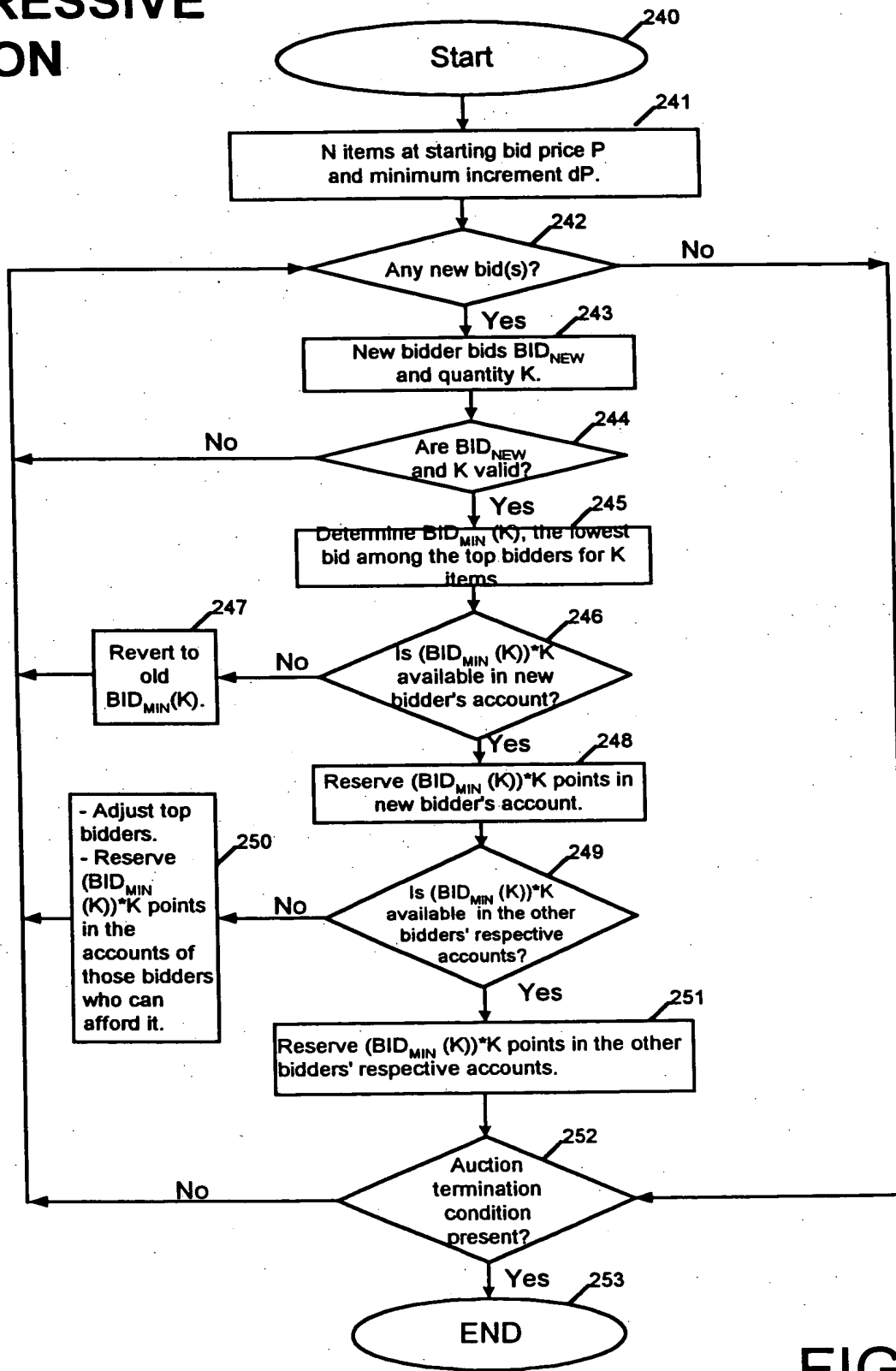


FIG. 8

BUY OR BID AUCTION

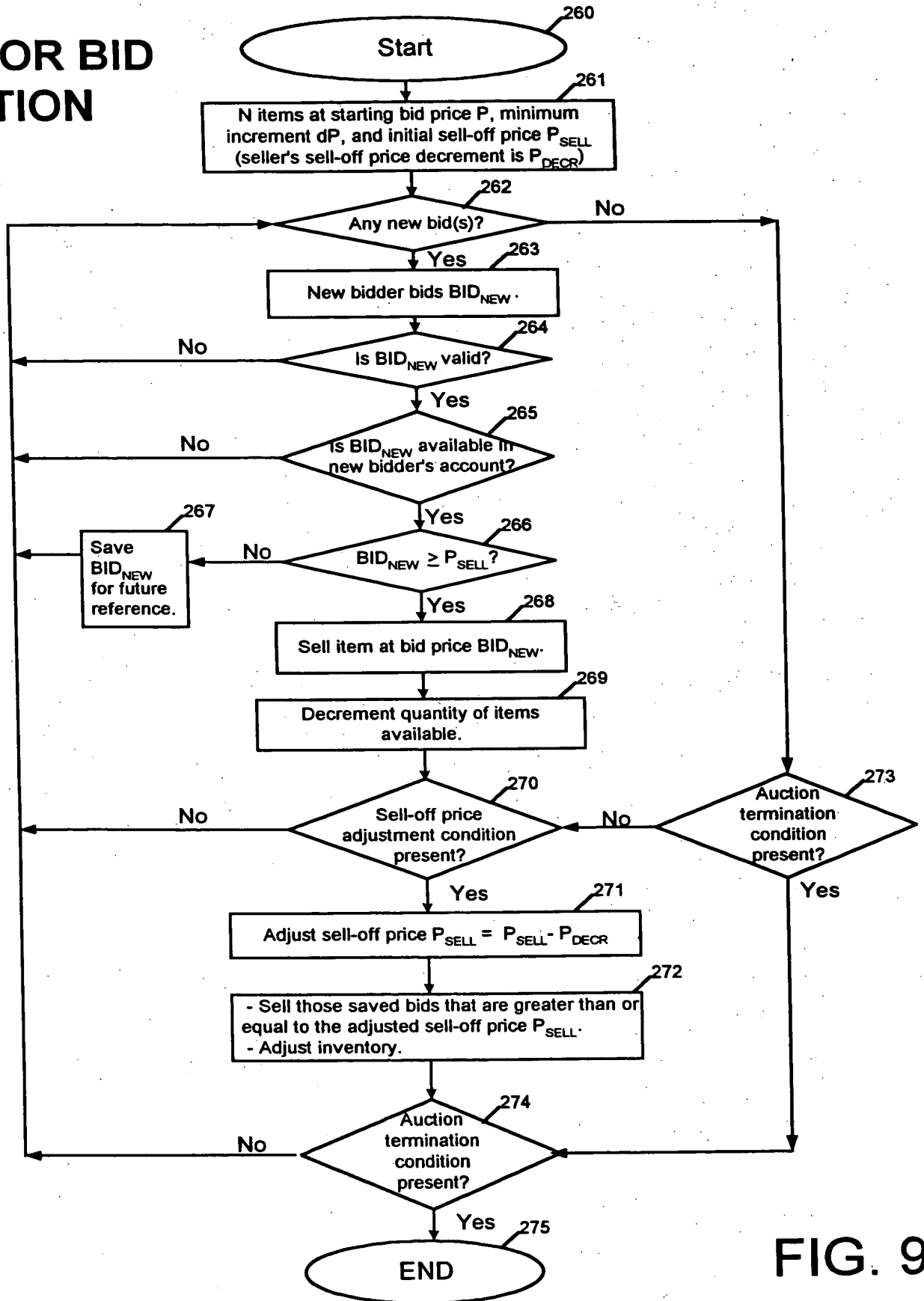


FIG. 9

AUTOMATED BIDDER

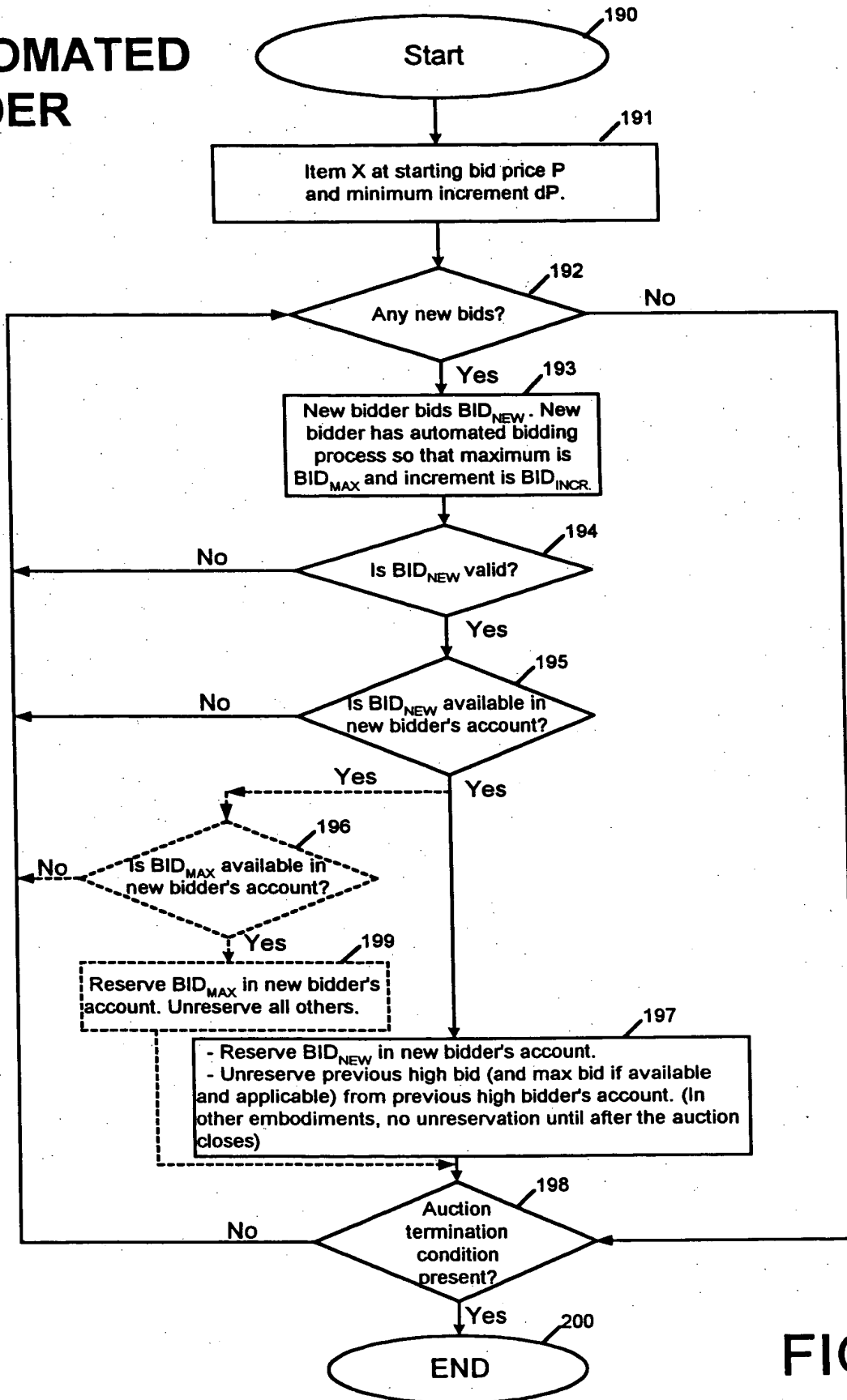


FIG. 10

DECLINING BID AUCTION

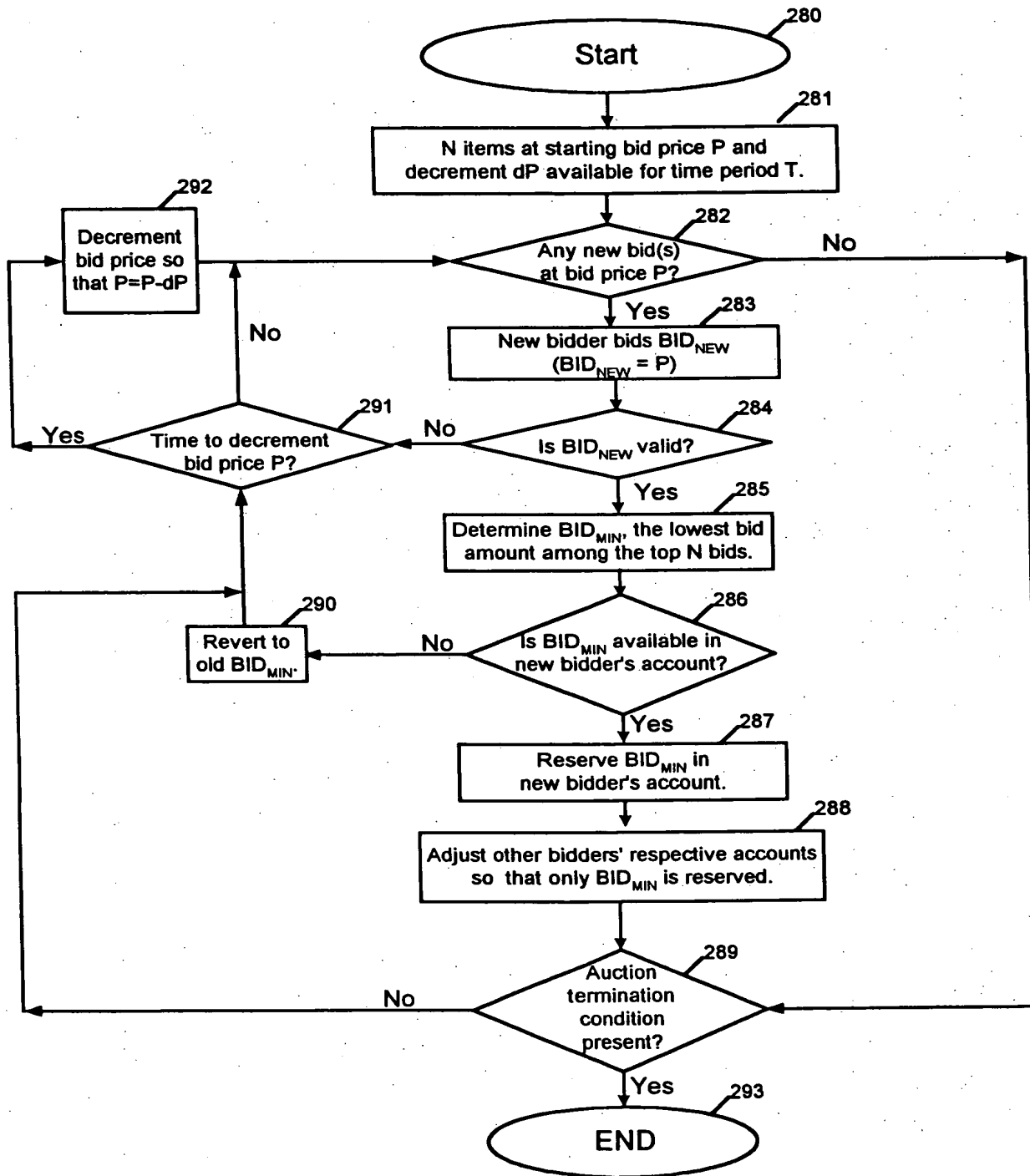


FIG. 11

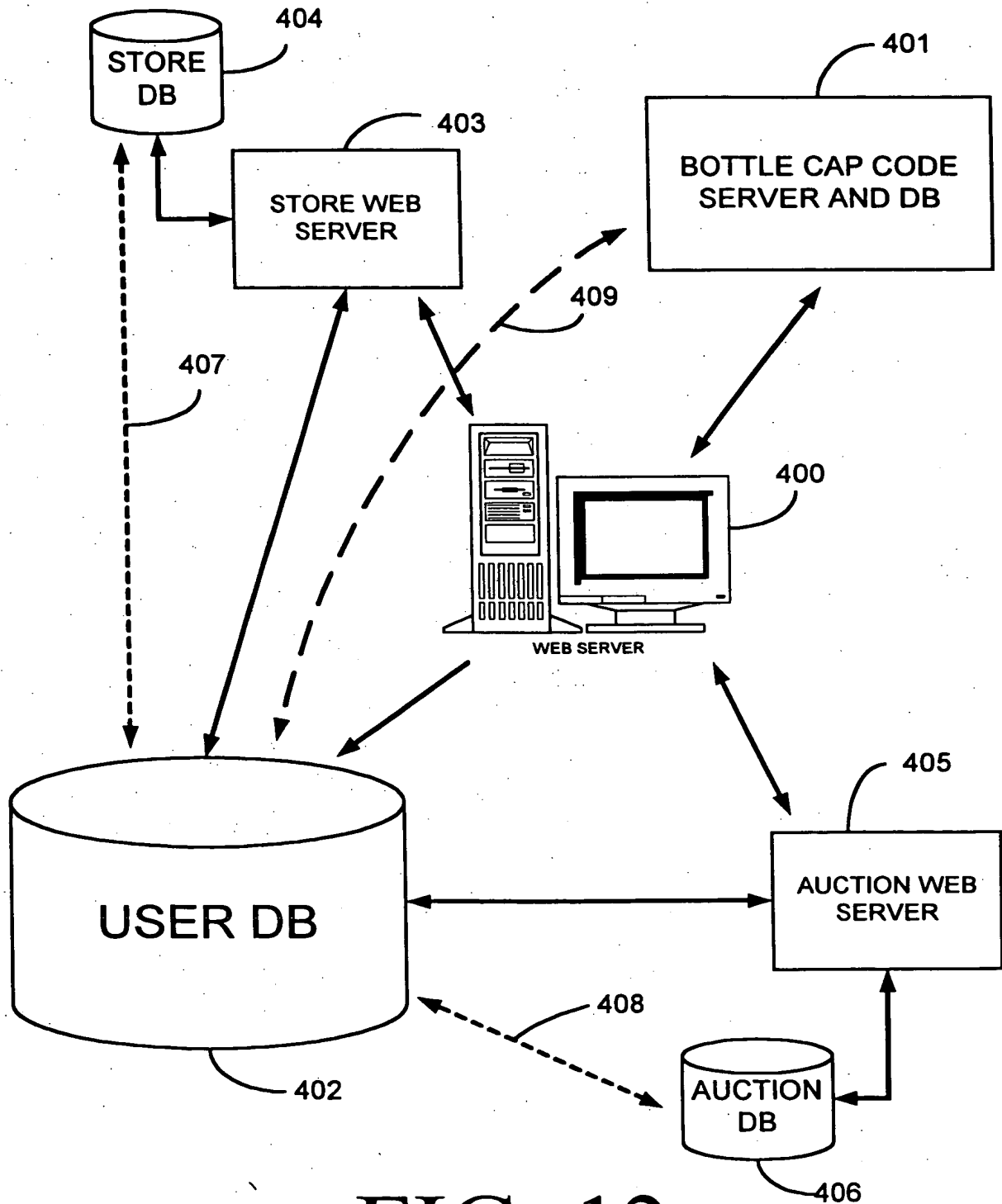


FIG. 12

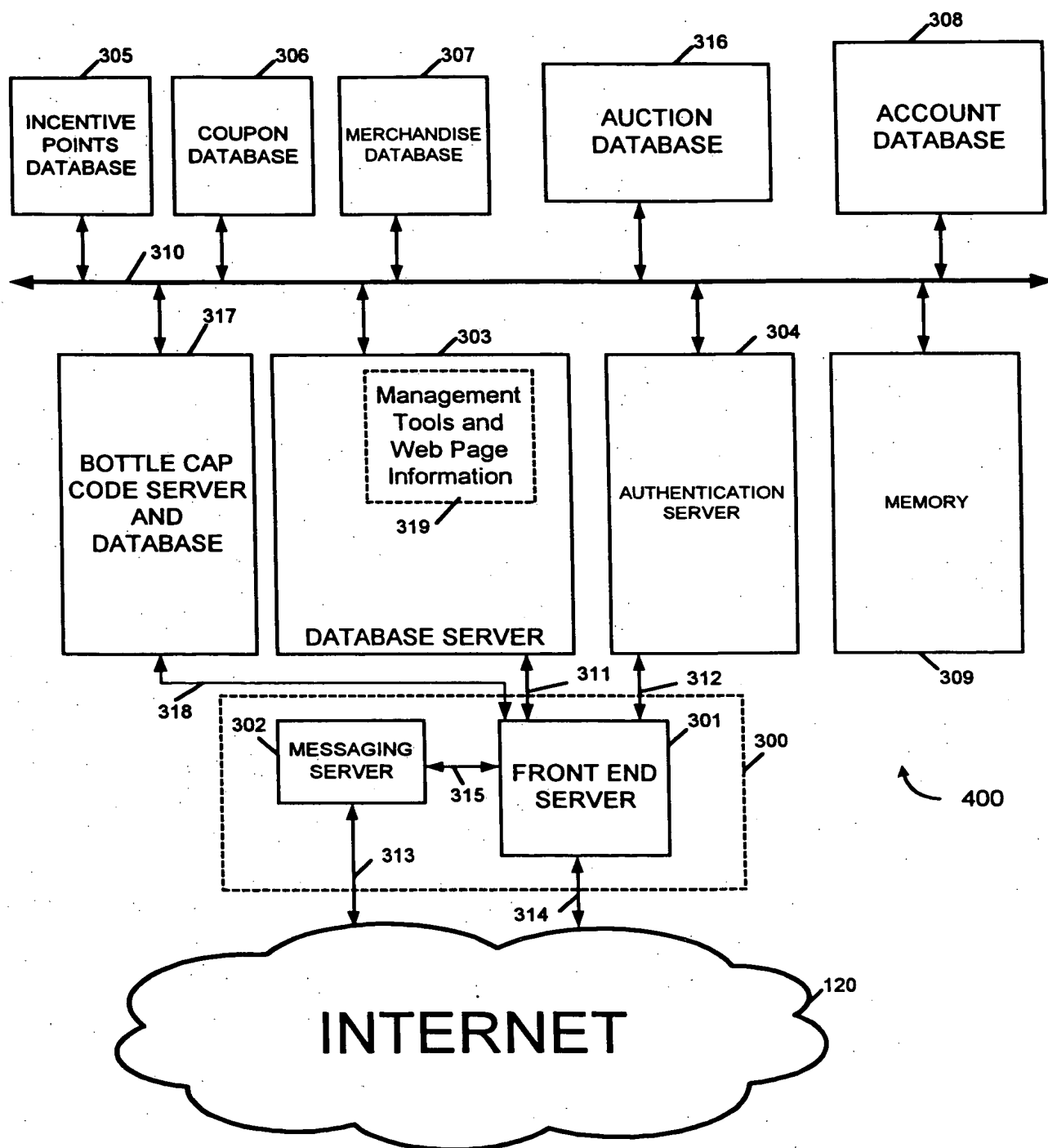


FIG. 13

WEB BROWSER

XYZ CORP
BOTTLE CAPS POINTS PROGRAM

CLOTHES TOYS ENTER CODE

MOVIES MUSIC VIEW ACCOUNT

TRAVEL ELECTRONICS

This screenshot shows a web browser window with a title bar that says "WEB BROWSER". The main content area displays the "XYZ CORP BOTTLE CAPS POINTS PROGRAM" header. Below the header, there are seven buttons arranged in three rows. The first row contains "CLOTHES", "TOYS", and "ENTER CODE". The second row contains "MOVIES", "MUSIC", and "VIEW ACCOUNT". The third row contains "TRAVEL" and "ELECTRONICS".

FIG. 14(A)

WEB BROWSER

XYZ CORP
BOTTLE CAPS POINTS PROGRAM

Please enter the 10-digit
code on the bottle cap:

SUBMIT

RETURN TO
PREVIOUS PAGE

This screenshot shows a web browser window with a title bar that says "WEB BROWSER". The main content area displays the "XYZ CORP BOTTLE CAPS POINTS PROGRAM" header. Below the header, there is a text prompt "Please enter the 10-digit code on the bottle cap:" followed by a rectangular input field. Below the input field, there are two buttons: "SUBMIT" and "RETURN TO PREVIOUS PAGE".

FIG. 14(B)

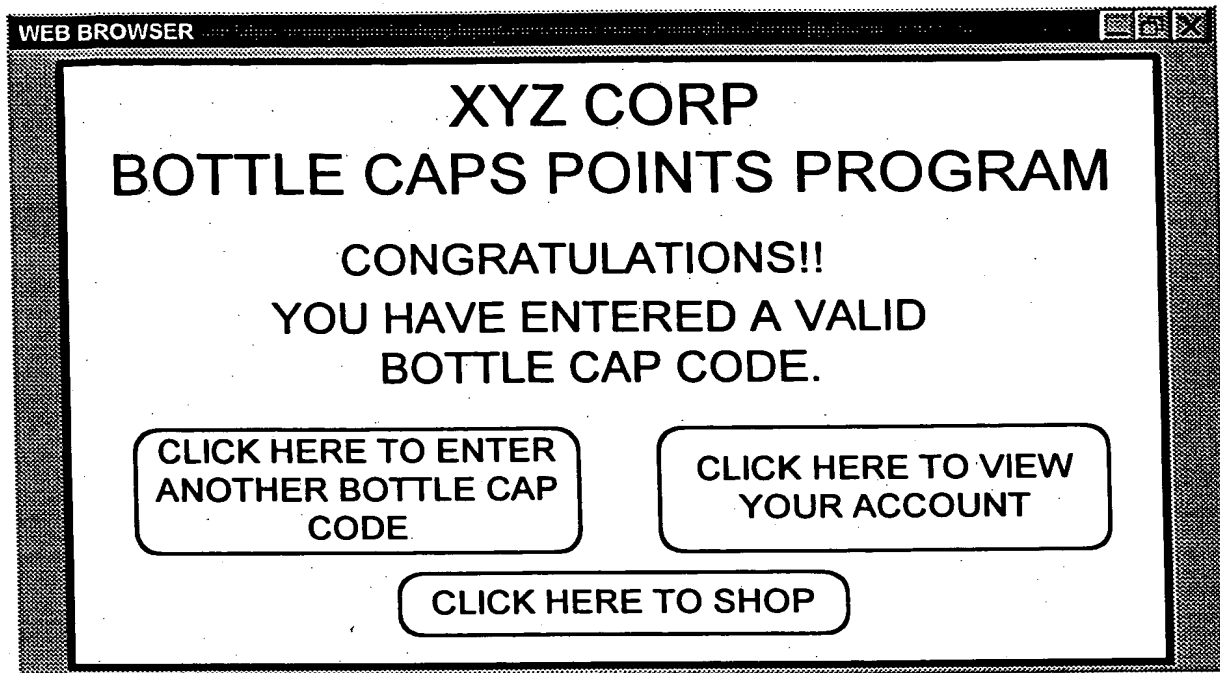


FIG. 14(C)

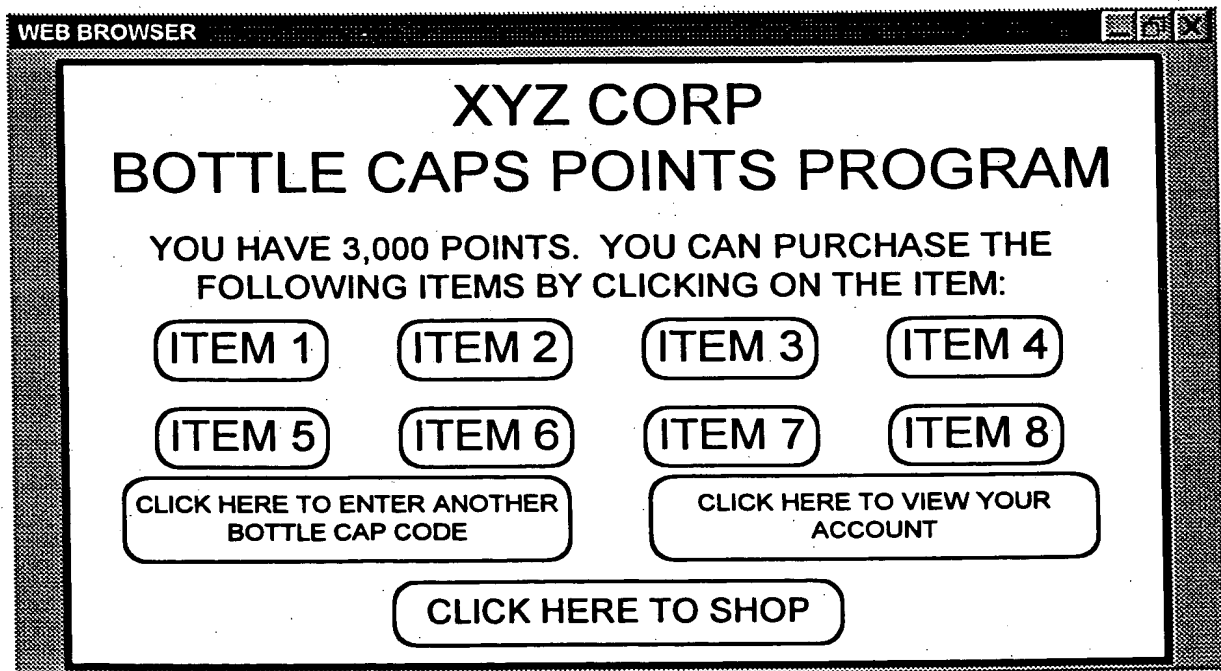


FIG. 14(D)

WEB BROWSER

XYZ CORP

BOTTLE CAPS POINTS PROGRAM

YOU HAVE 3,000 POINTS. HERE ARE THE ITEMS THAT
ARE AVAILABLE FOR PURCHASE/BID:

STORE GOODS	SALE POINTS	AUCTION POINTS	COUPONS
ITEM 1	500		50 PTS
ITEM 2	750	610	75 PTS
ITEM 3	1,200	960	100 PTS
ITEM 4	2,800		

ACCOUNT BOTTLE CAP CODE SHOP

FIG. 14(E)

ENCRYPTION

S1 = 48-bit STRING:

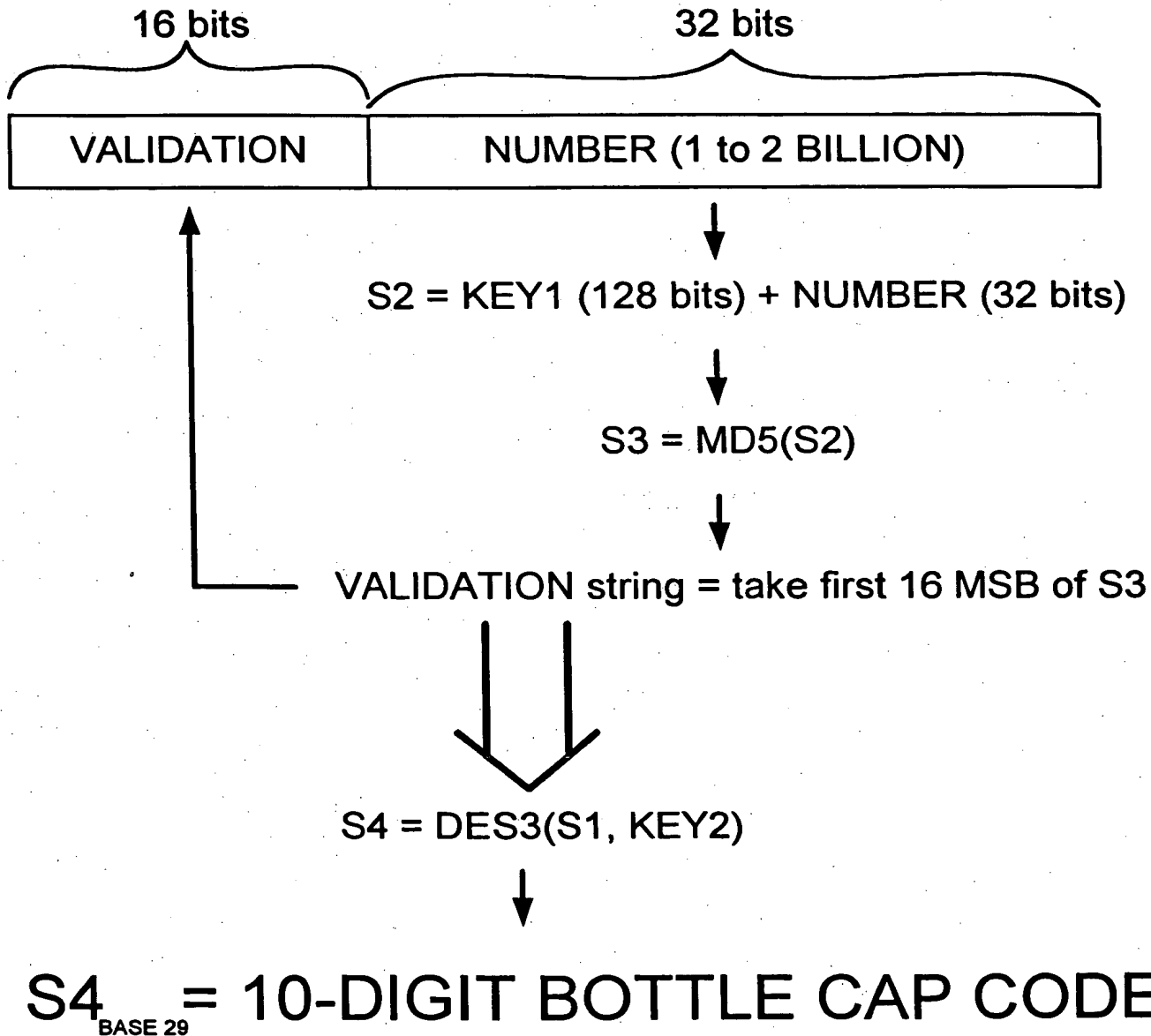


FIG. 15

VERIFICATION

$S4_{\text{BASE } 29} = 10\text{-DIGIT BOTTLE CAP CODE}$

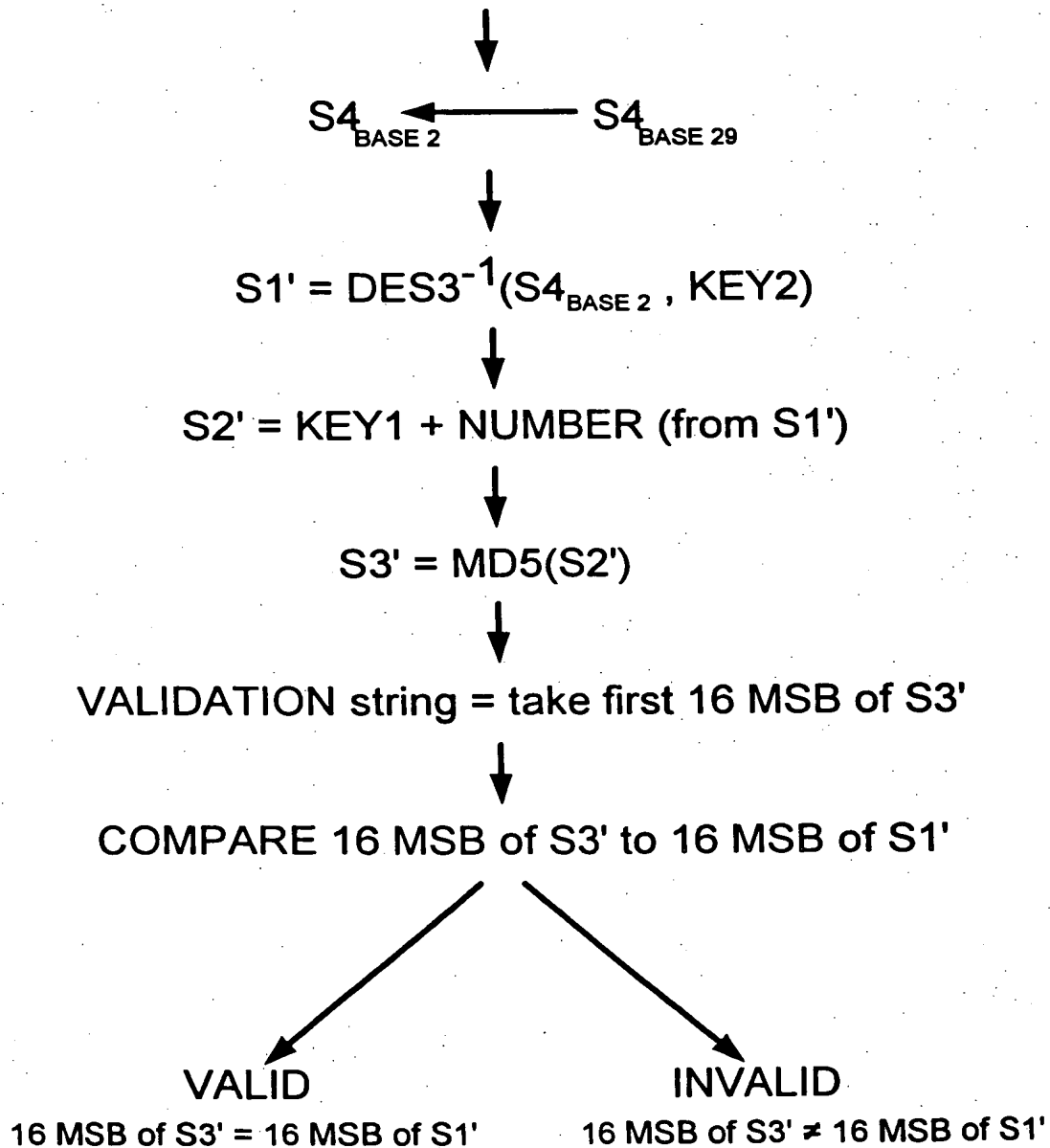


FIG. 16

Verification	
Number	Flag
1	0
2	0
3	1
4	0

1,999,999,998	0
1,999,999,999	0
2,000,000,000	1

FIG. 17